KH0116

16-Port High-Density KVM Switch

The entry level series of ALTUSEN High-Density KVM switches are offered in 16 computer port configurations with a 1U high housing for convenient rack mounting. They allow administrators to control multiple computers from a single KVM (keyboard, video, mouse) console. All switches are capable of expansion to provide control of up to hundreds of computers from the original single console for a flexible and economical solution for server room administration.

Convenient features to help network administrators easily manage their server rooms include three selection methods to obtain instant access to any computer on the installation—manual, OSD, and hotkey, while a powerful Auto Scan feature permits scan interval setting and automatic one-by-one scanning and monitoring of the activities of all computers running on the installation.
ALTUSEN High-Density KVM switches are available in serveral models. These include the KH0116, which, when combined with the KA9250 KVM Extender, can be accessed and controlled from a remote console up to 150m away via Cat 5e cable.

Features

- A single PS/2 console controls up to 16 computers
- Remote Console Operation - control your system from the remote PS/2 keyboard, mouse, and monitor consoles
- Cat 5e cable to connect the KH0116 and remote units (KA9250)
- Dedicated chain ports - daisy chain up to 31 additional units - control up to 512 computers from a single console
- No software required - convenient computer selection via Hotkeys and intuitive On Screen Display (OSD) menus
- No need for manual DIP switch setting - autosensing of station positions for daisy chained installations
- LED indicates station's position
- Auto Scan Mode enables continuous monitoring of user-selected computers
- Hot Pluggable - add or remove computers without having to power down the switch
- Two level password security - only authorized users view and control the computers - up to four Users plus an Administrator - separate profi les for each
- Port names automatically reconfi gured when station sequence is changed
- Superior video quality - resolutions of up to 2048 x 1536 -each port supports DDC2B
- Multiplatform support:Windows 2000/XP/Vista, Linux, Unix and FreeBSD.
- For more information about KVMs which can connect to KH0116, see Compatible KVM Table

Specifications
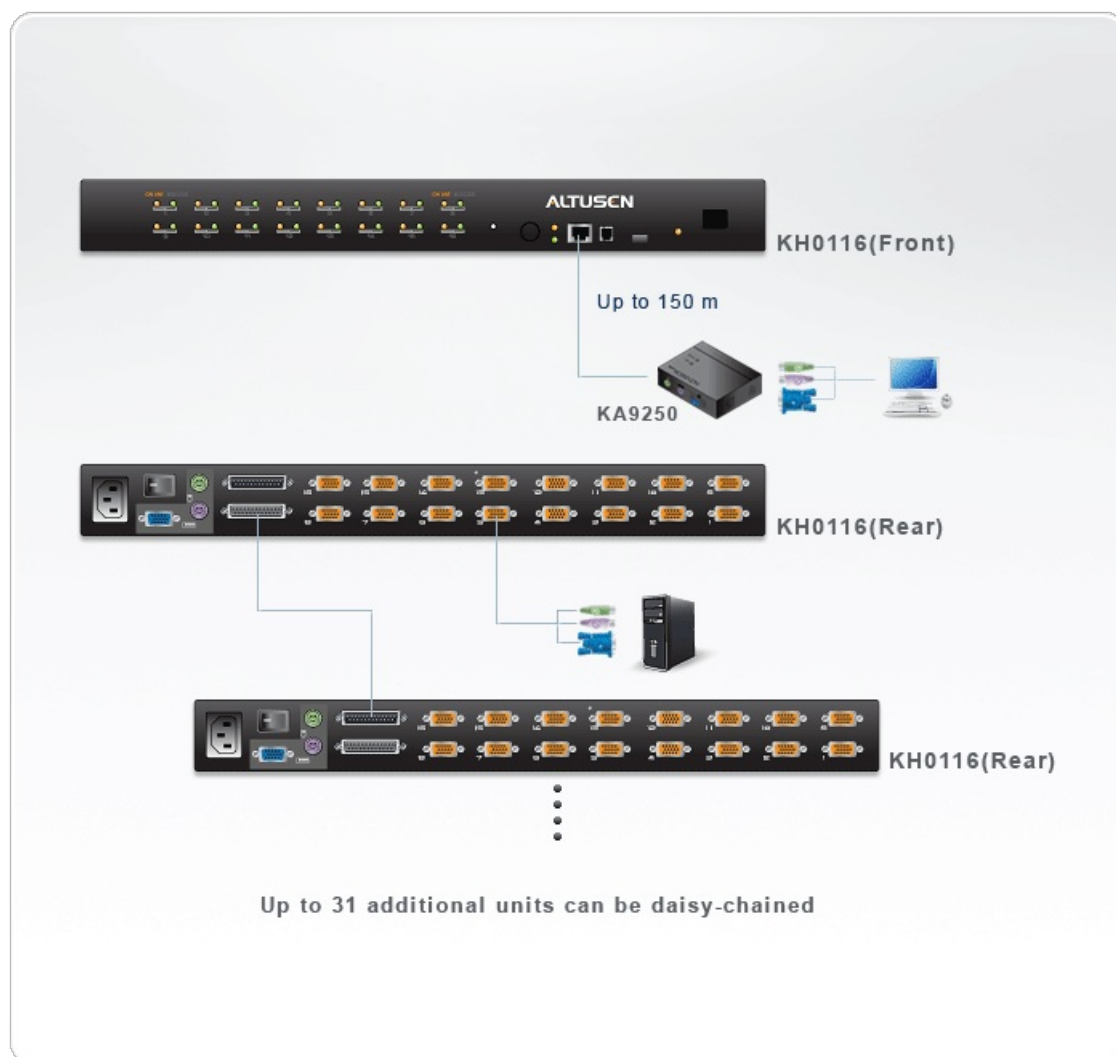
Computer Connections	
Direct	16
Maximum	512 (via Daisy-chain)
Port Selection	Hotkey, OSD
Connectors	

Console Ports	1 x 6-pin Min-Din Female (Purple) 1 x HDB-15 Female (Blue) 1 x 6-pin Min-Din Female (Green)
KVM Ports	16 x SPHD-15 Female (Yellow)
Daisy Chain Ports	1 x DB-25 Female (Black) 1 x DB-25 Male (Black)
Firmware Upgrade	1 x RJ-11 Female (Black)
Remote Console	1 x RJ-45 Female (Black)
Power	1 x 3-Prong AC Socket
Switches	
Reset	1 x Semi-Recessed Pushbutton
Power	1 x Rocker
Firmware Upgrade Recovery	1 x Slide
Remote Console	1 x Locking Pushbutton
LEDs	
Online	16 (Green)
Selected	16 (Orange)
Power	1 (Blue)
Station ID	2 x 7 Segment (Orange)
Emulation	
Keyboard / Mouse	PS/2
Video	2048 x 1536; DDC2B
Scan Interval	1-255 Seconds
Maximum Input Power Rating	100-240V AC; 50/60Hz; 1A
Power Consumption	120V/8W; 230V/8W (Max.) Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0 - 50°C
Storage Temperature	-20 - 60°C
Humidity	0-80% RH, Non-Condensing
Physical Properties	

Housing	Metal
Weight	3.56 kg
Dimensions (L x W x H)	43.70 x 21.00 x 4.40 cm
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram